

Figure 1

268221-2105583

A

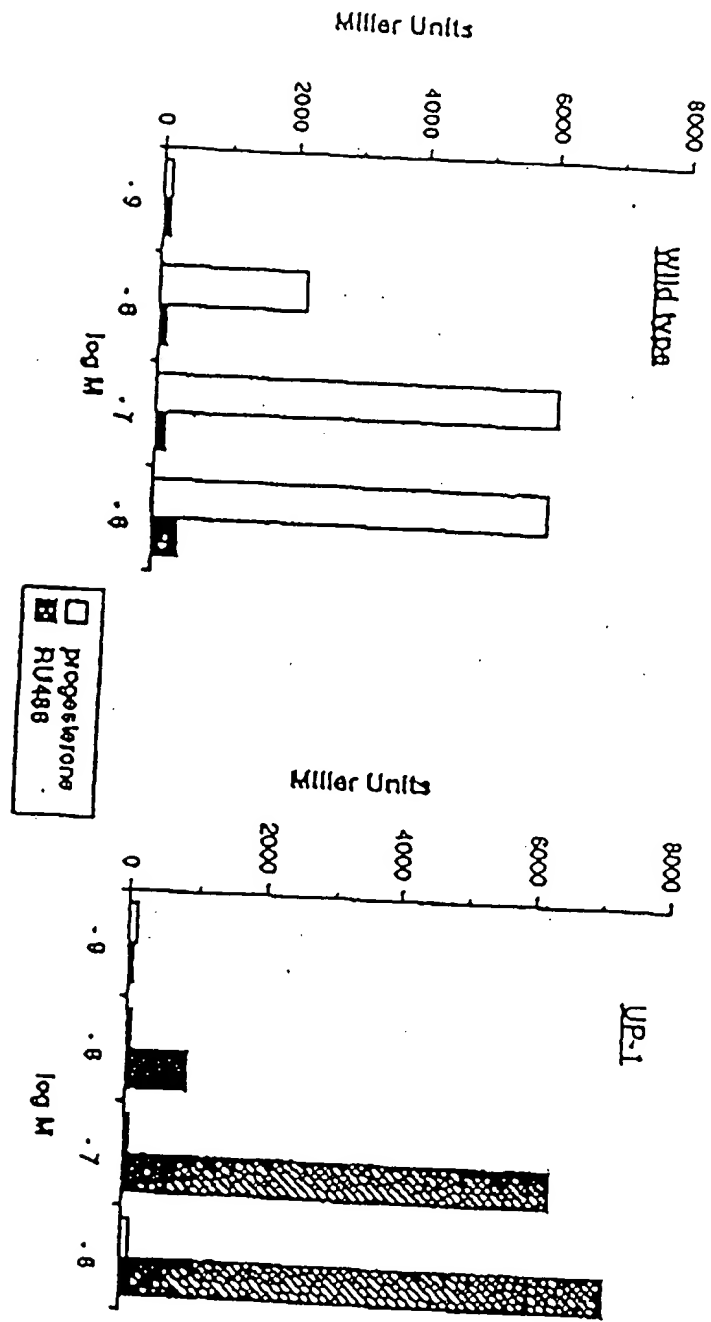


Figure 2A

08059013 102297

B

DNA sequence:

2636

WT ..AAC TTG CAT GAT CTT GTC AAA CAA CTT CAT CTG TAC TGC TTG..
 UP-1..AAT TGC ATG ATC TTG TCA AAC AAC TTC ATC TGT ACT GCT TGA

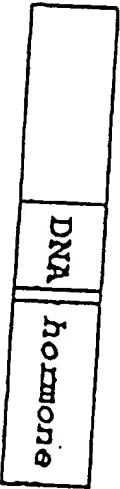
Protein sequence:

879

WT ..Asn Leu His Asp Leu Val Lys Gln Leu His Leu Tyr Cys Leu..
 UP-1..Asn Cys Met Ile Leu Ser Asn Asn Phe Ile Cys Thr Ala

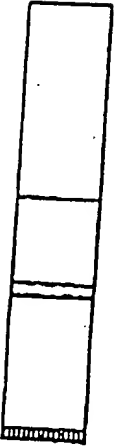
891

wild type



933

UP-1



891

Figure 2B

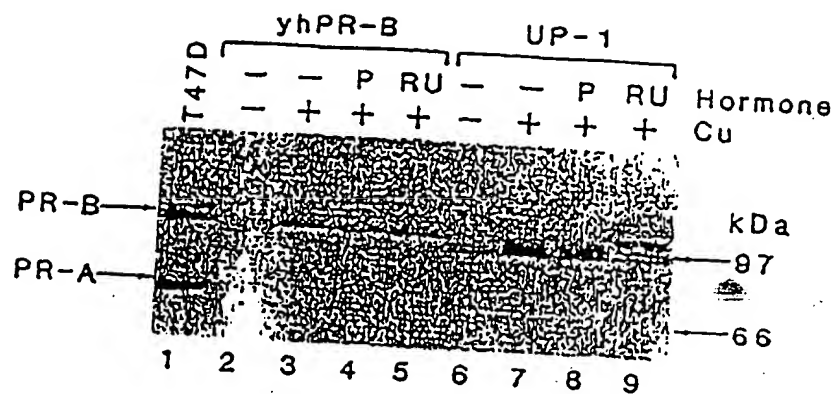


Figure 3





| hPR Constructs | Transcriptional Activity | | Specific Binding | | | |
|-------------------|---|-------------|------------------|-------------|------|-----|
| | <u>(Miller Units)</u> | <u>P RU</u> | <u>(nM)</u> | <u>P RU</u> | | |
| YEpHPR-B (933) |  | 86 | 6200 | 586 | 1.0 | 1.3 |
| UP-1 |  | 286 | 466 | 8050 | 0.02 | 1.6 |
| YEpHPR-B879 |  | 166 | 242 | 5900 | 0.04 | 1.8 |
| YEpHPR-B891 |  | 243 | 226 | 6175 | 0.03 | 1.6 |

Figure 4

A

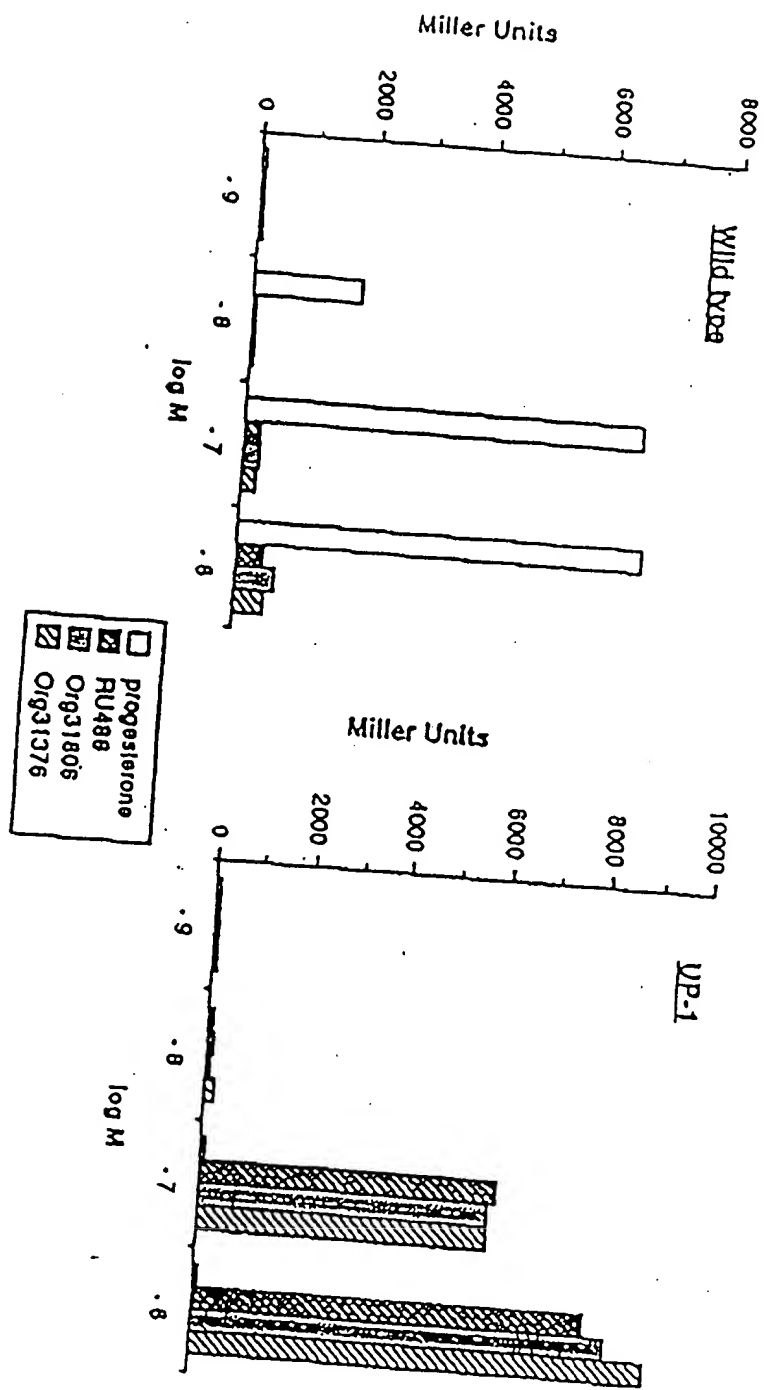


Figure 5A

08959013-102897

26820T ET055680

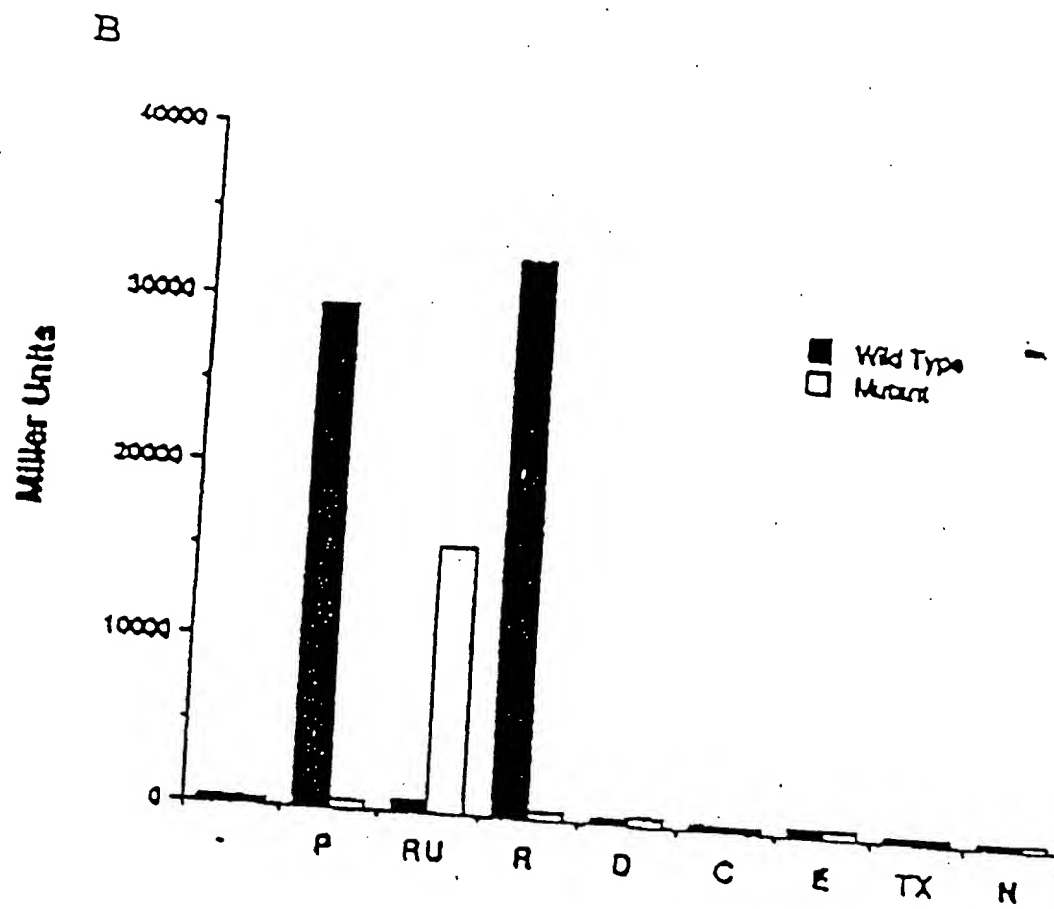


Figure 5B

| | | | | | | |
|---------------|---|---|---|---|---|---|
| Progesterone: | - | + | - | - | + | - |
| RU486: | - | - | + | - | - | + |

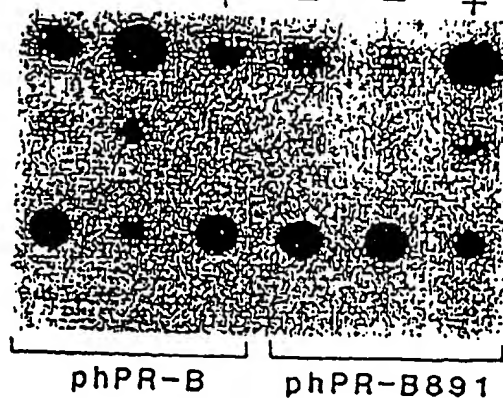


Figure 6A

08959013-102897

| | | | | | | |
|---------------|---|---|---|---|---|---|
| Progesterone: | - | + | - | - | + | - |
| RU486: | - | - | + | - | - | + |

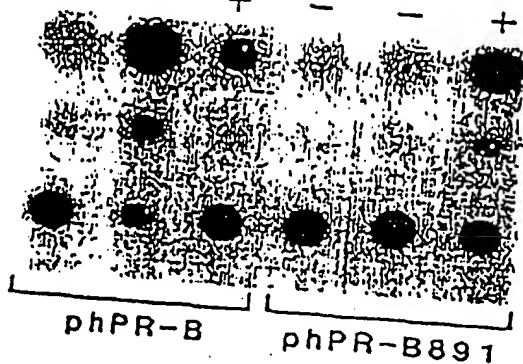


Figure 6B

08959013-102897

GR PR Fusion Construc

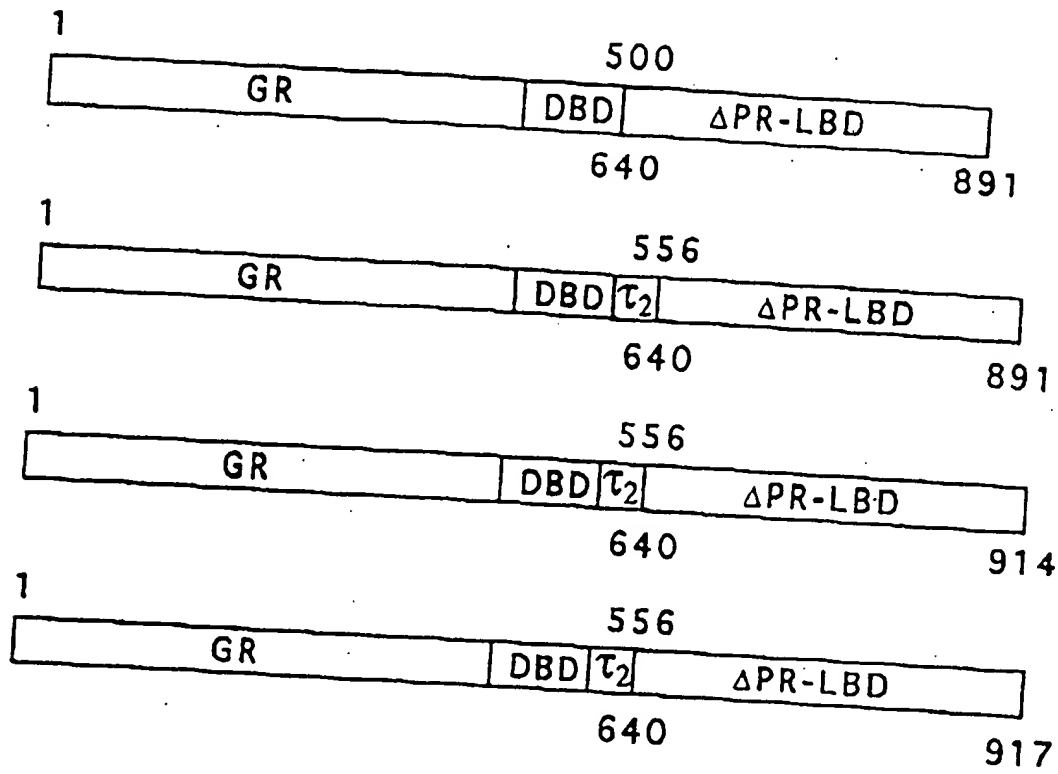
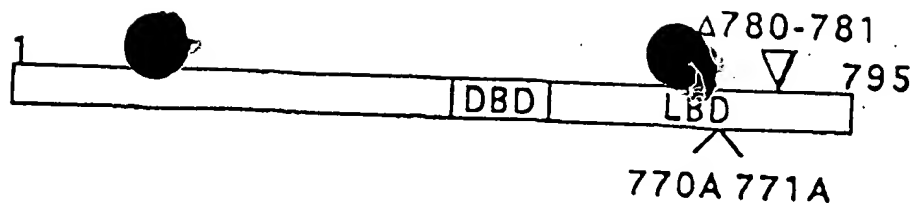


Figure 7

468307-CT055880



HUMAN GR MUTANTS

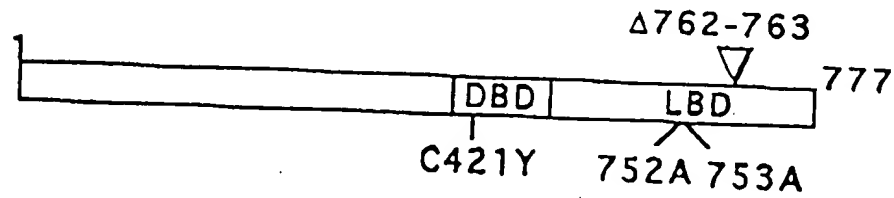
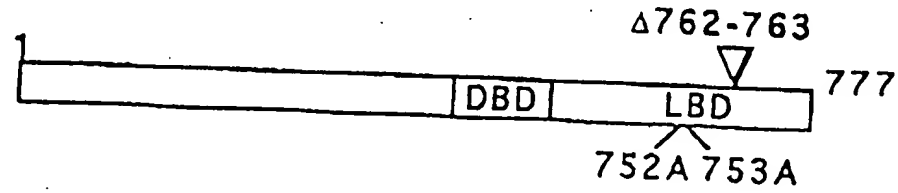


Figure 8

FIGURE 9

ORIGIN

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 121 aagtttttcag ggtgttgggtt agaattgggaa gatgtccctt gtatcaccat ggaccctcat
 181 gataatttttg tttctttcac tttctactct gttgacaacc attgtctcct cttattttct
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 301 tcaacttttgt ttatttgtca gattgtaagt actttctcta atcaactttt tttcaaggca
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 961 ggctgccatg aacaaagggt gctataaaga ggtcatcagt atatgaaaca gcccctgct
 1021 gtccattcct tattccatag aaaagccttg acttgagggt agattttttt tatattttgt
 1081 tttgtgttat ttttttcttt aacatcccta aaattttcct tacatgtttt actagccaga
 1141 tttttcctcc tctcctgact actcccagtc atagctgtcc ctcttctctt atgaactcga
 1201 ggagcttttt gcaaaagcct aggcctccaa aaaagcctcc tcaactcttc tggaaatagct
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11
57
6/78

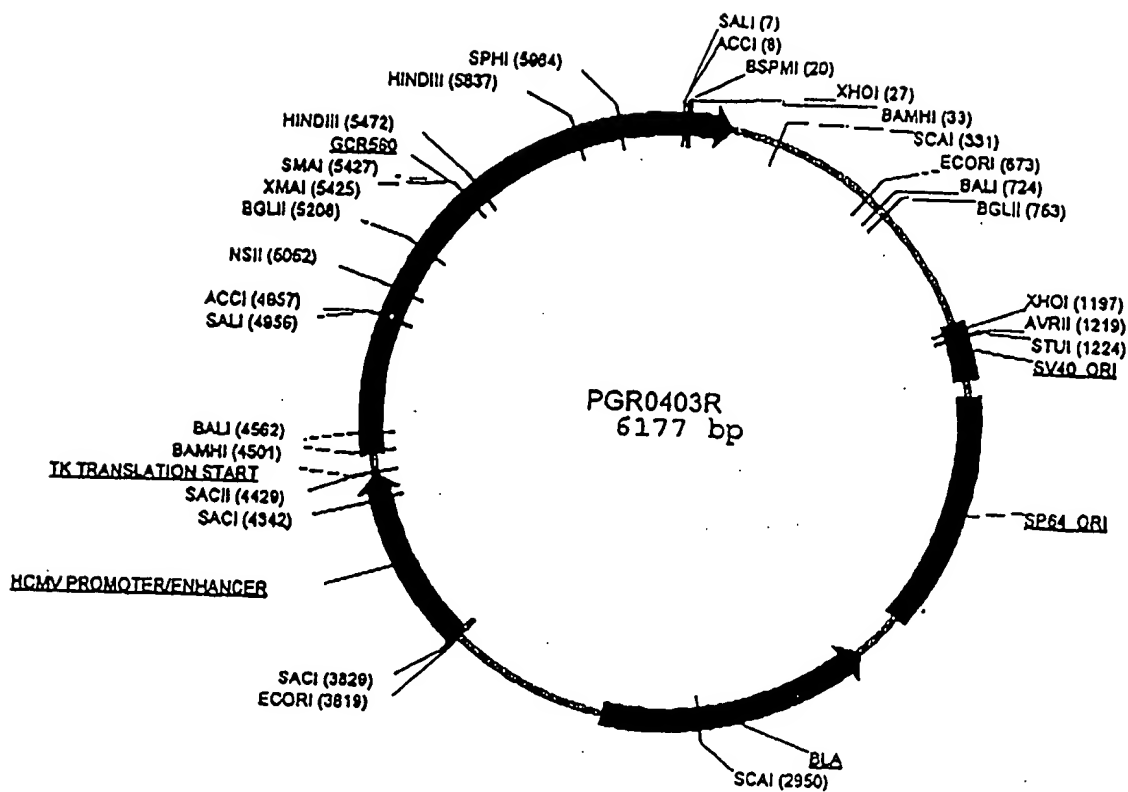


Figure 10

468297-2065680

| receptor | treatment | pg CAT protein induced | Normalized to control |
|------------------|-----------|------------------------|-----------------------|
| wild-type hGR | control | 0.4 | 1 |
| | DEX | 64.4 | 161 |
| | RU | 1.4 | 3.5 |
| GRPR fusion | control | 0.9 | 1 |
| | DEX | 0.6 | 0.7 |
| | RU | 5.4 | 6 |
| wild-type rat GR | control | 2.2 | 1 |
| | DEX | 26.4 | 12 |
| | RU | 6.3 | 2.9 |
| CS1.CD | control | 2.2 | 1 |
| | DEX | 1.8 | 0.8 |
| | RU | 29.6 | 13.5 |

Figure 11

Glucocorticomimetic Receptor

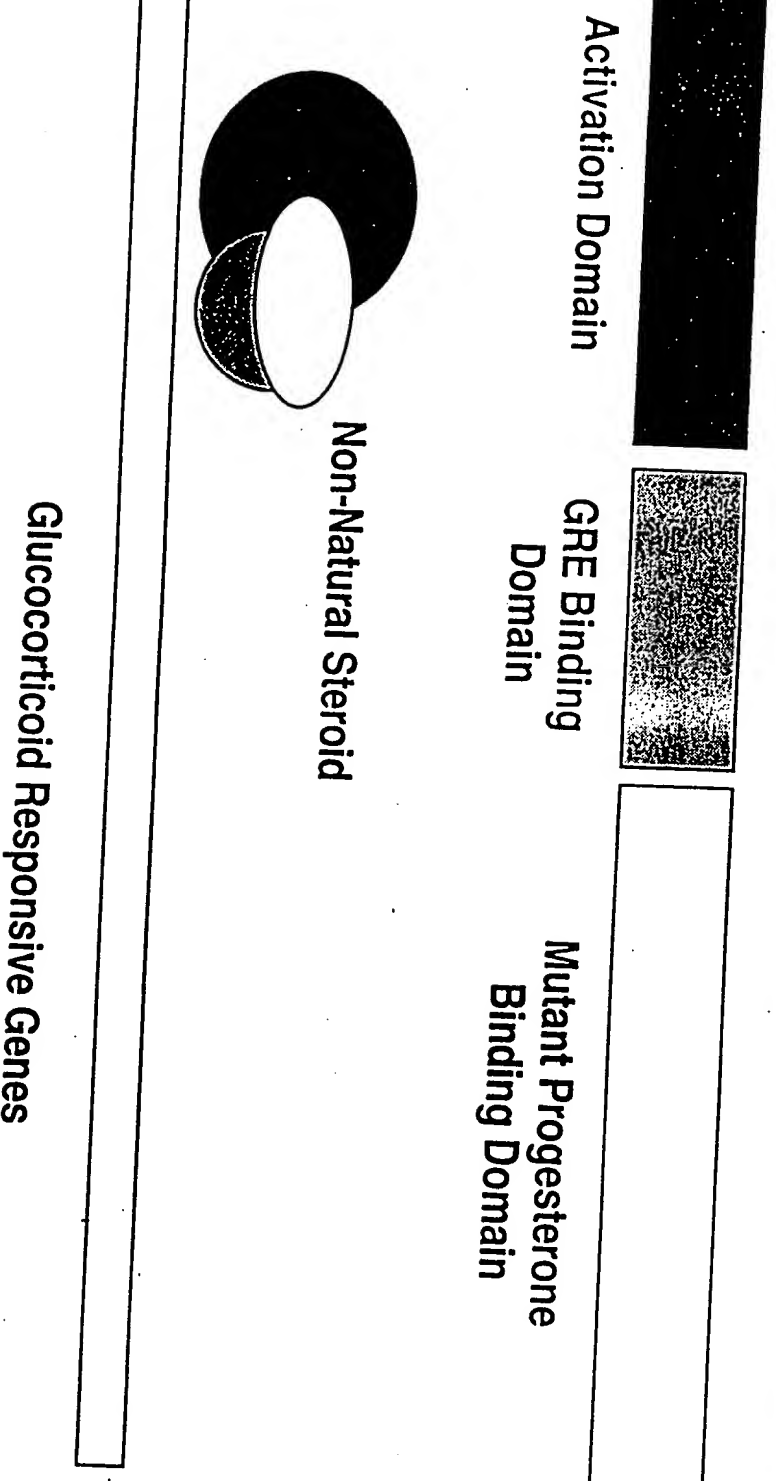


Figure 12

10

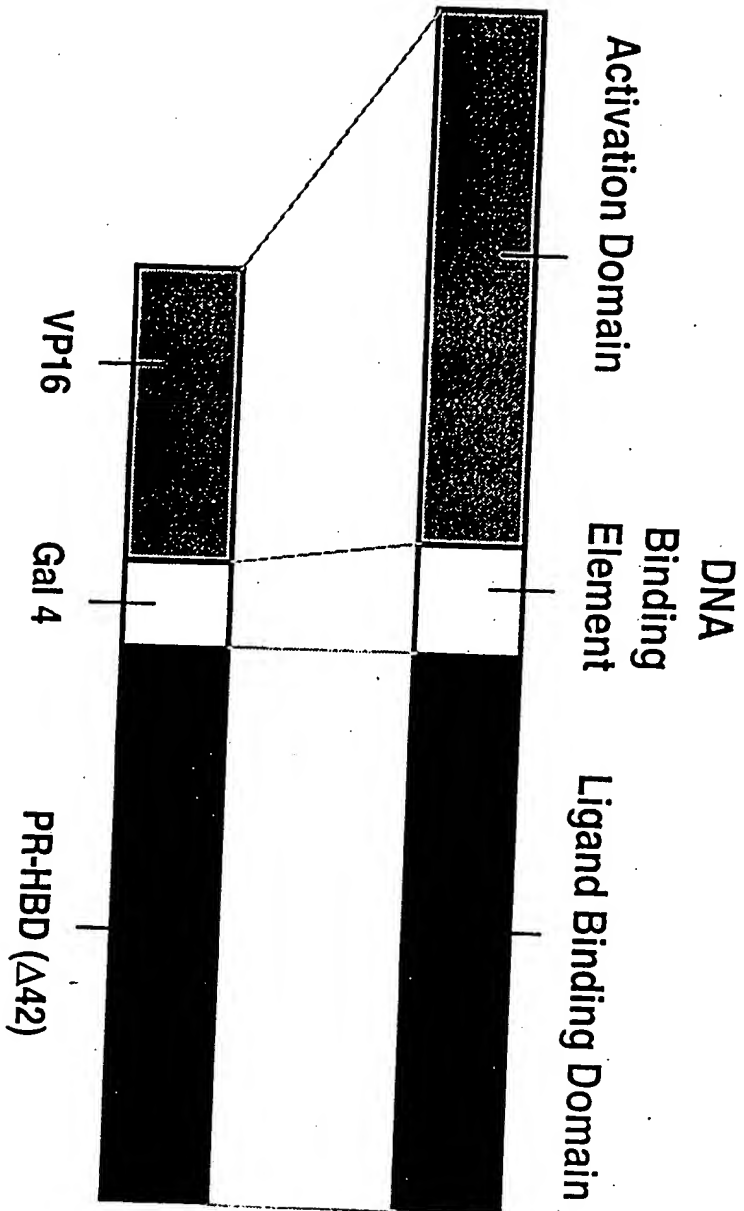


Figure 13

FIG. 14

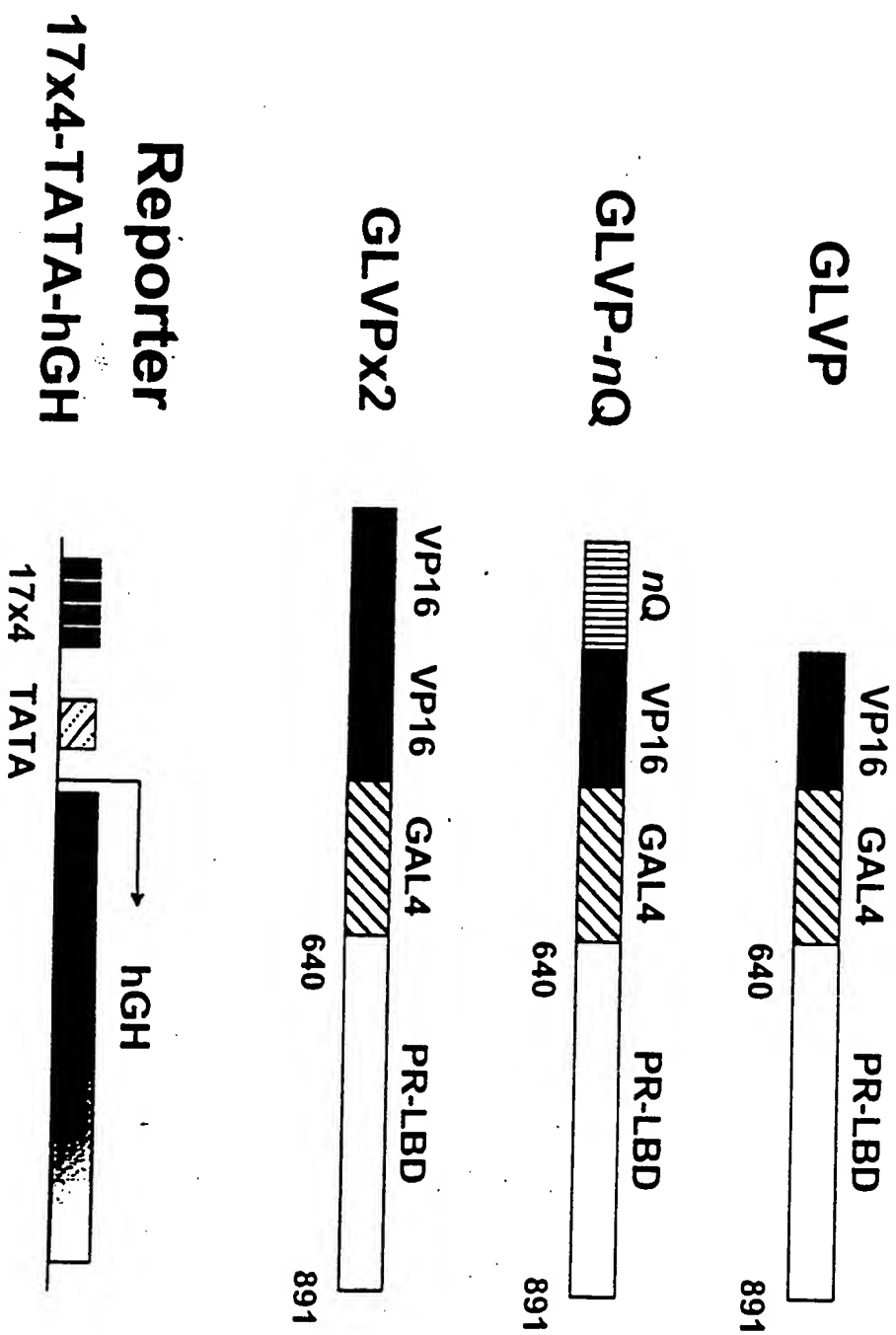
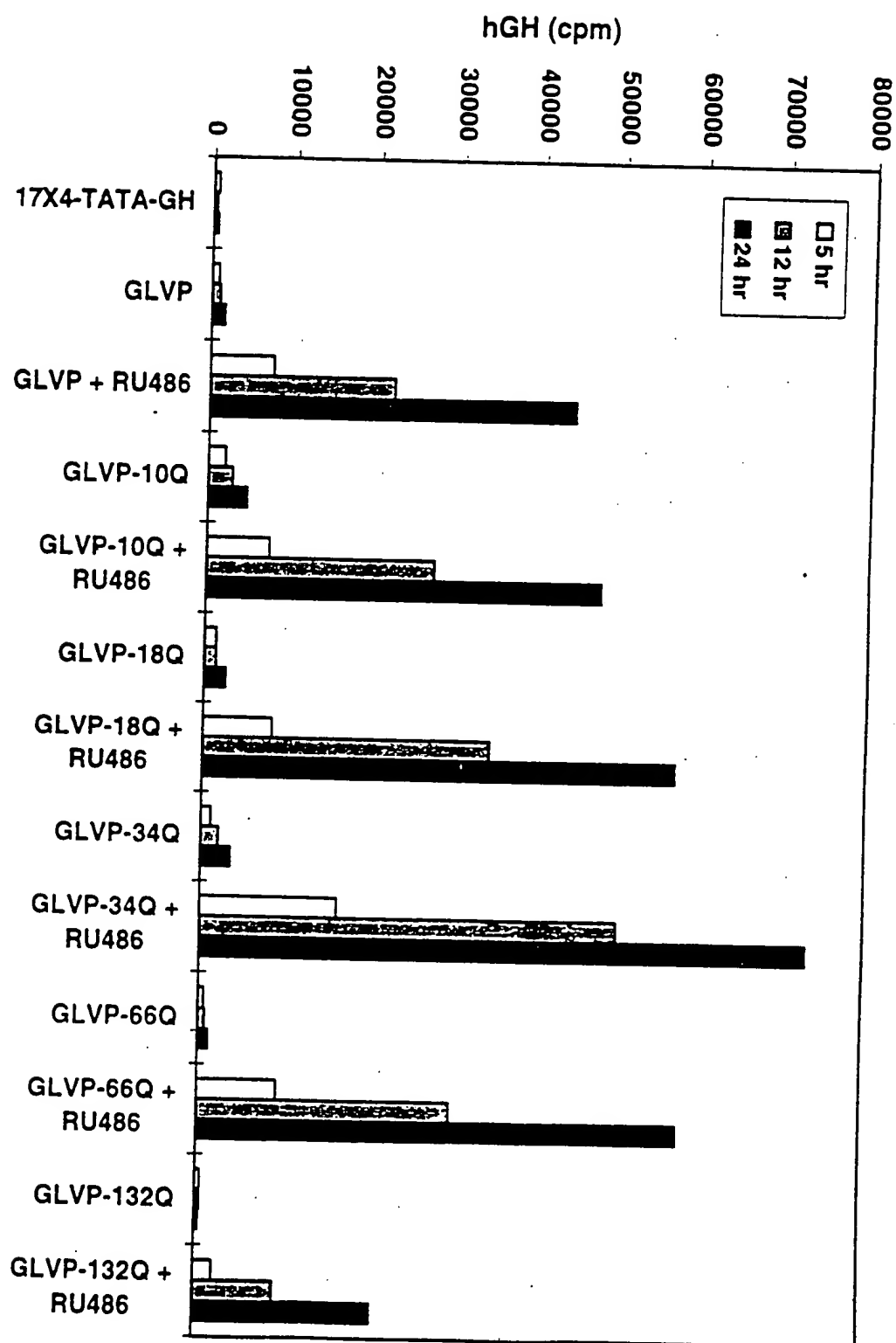


FIG. 15



08959013-102897

FIG. 16

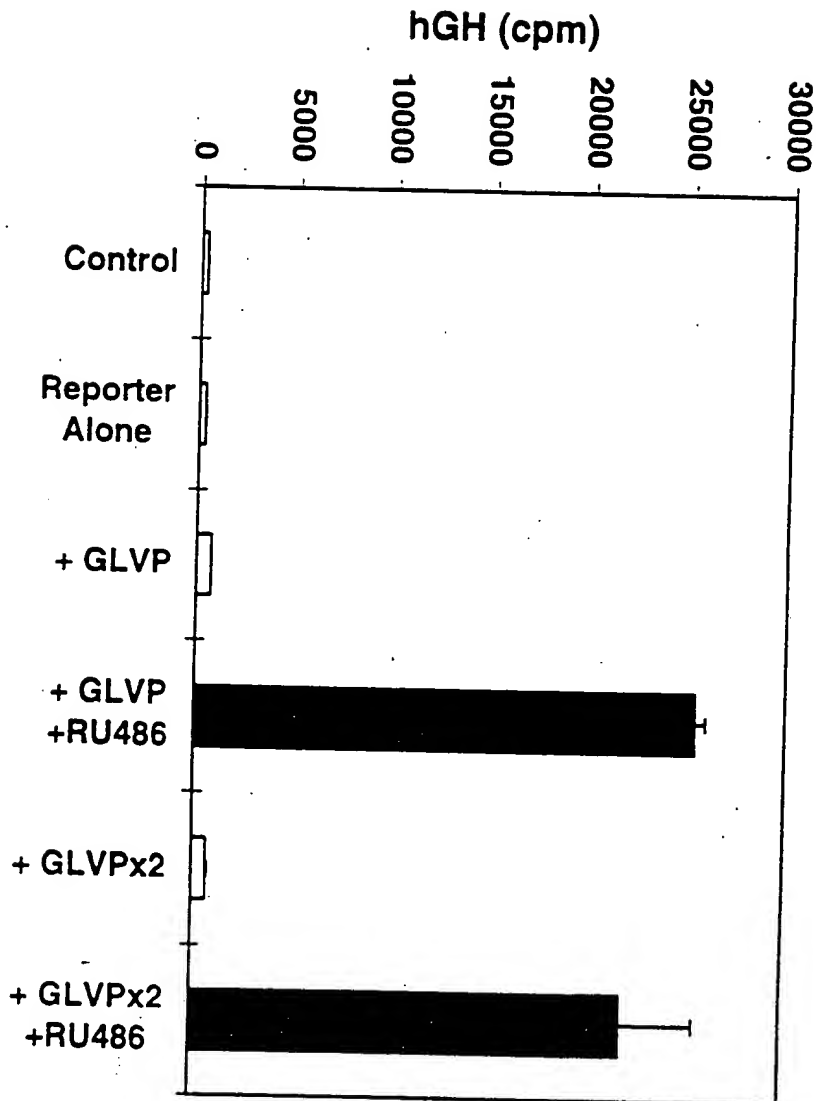


FIG. 17

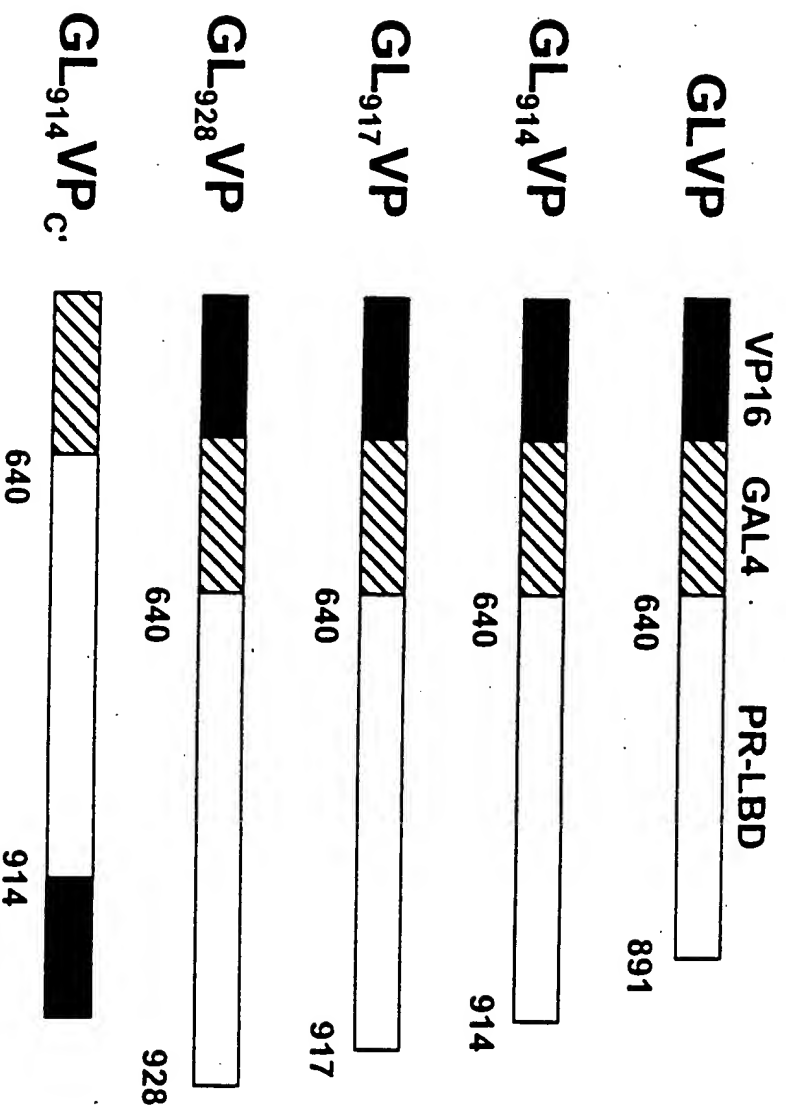


FIG. 18

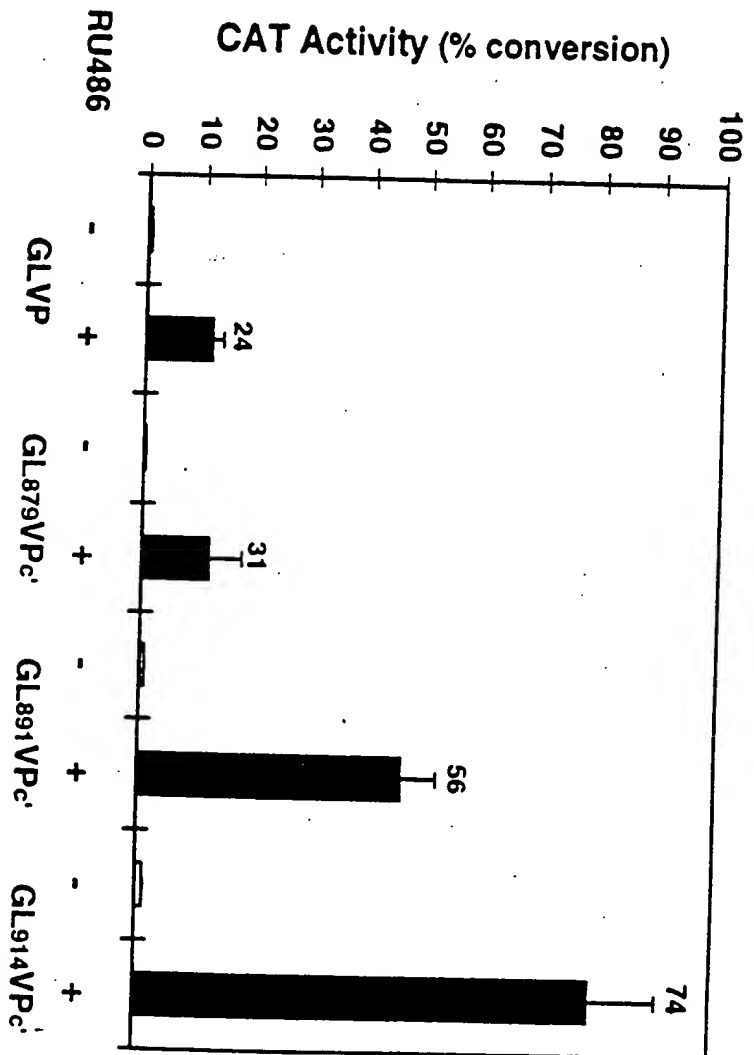


FIG. 19

Inducible Repressor

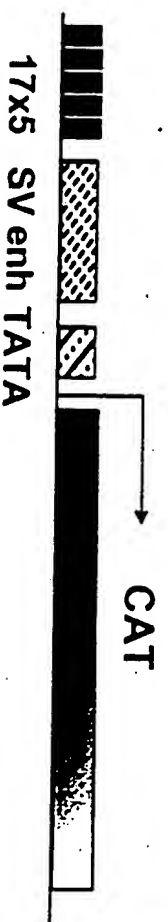


GL₉₁₄ KRAB



Reporter

17x5-SV-CAT



17x4-tk-CAT

